

Number of Publication	First Author	Animal Group	reptile source	no. Confirmed human cases	age human <1J	age human <4J	age human >4	gastrointestinal	fever	respiratory	CNS or systemic	other	I	II	IIIa	IIIb	IV	V	method serology	method molecular	method unclear	characterization to serovar level	transmission direct	transmission indirect	serovar confirmed in reptile	Location of study (country)	continent
1	Stam 2003	reptile nonspec.	pet	1			x	x				x							x			yes			yes	Netherlands	Europe
2	Mermin 2004	reptile nonspec.	unknown	50				x				x							x			no			unknown	USA	North America
3	Centers for Disease Control and Prevention 2005	turtle	pet	6	x	x	x	x				x	x						x			yes			yes	USA	North America
4	Foster 2005	snake	pet	1		x						x	x						x		x	no	x		yes	Italy	Europe
5	Corrente 2006	snake	pet	1		x	x					x							x			yes	x		yes	Italy	Europe
6	Kaibu 2006	turtle	pet	2		x	x					x							x			no	x		yes	Japan	Asia
7	Milstone 2006	lizard	pet	1x				x	x	x		x						x			yes	x		unknown	USA	North America	
8	Berendes 2007	lizard	pet	1	x	x	x	x	x	x	x	x						x		x	yes	x		yes	Netherlands	Europe	
9	Bredart 2007	turtle	pet	1x				x	x	x	x	x						x			yes			yes	Belgium	Europe	
10	Centers for Disease Control and Prevention 2007	turtle	pet	23x	x	x	x	x	x	x	x	x					x	x			x	x		yes	USA	North America	
11	Ewen 2007	lizard	unknown	1		x	x	x	x	x	x	x						x			yes			no	Gabon	Africa	
12	Greene 2007	lizard	pet	6x		x						x						x	x		yes	x	x	no	USA	North America	
13	Bertrand 2008	turtle	pet	1x								x	x					x			x			unknown	Belgium	Europe	
13	Bertrand 2008	snake	pet	3x	x							x					x		x					unknown	Belgium	Europe	
13	Bertrand 2008	snake	pet	3x	x							x	x				x		x					no	Finnland	Europe	
13	Bertrand 2008	turtle	pet	6								x					x		x					yes	Finnland	Europe	
13	Bertrand 2008	reptile nonspec.	other	3x	x	x						x					x		x			x	x	unknown	France	Europe	
13	Bertrand 2008	lizard	pet	3x	x							x					x		x			x		unknown	Ireland	Europe	
13	Bertrand 2008	turtle	unknown	5x	x							x					x		x			x		unknown	Ireland	Europe	
13	Bertrand 2008	snake	pet	1x													x		x			x		unknown	Ireland	Europe	
13	Bertrand 2008	reptile nonspec.	unknown	3x	x							x	x				x							unknown	Ireland	Europe	
13	Bertrand 2008	lizard	unknown	16x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x				unknown	Germany	Europe		
13	Bertrand 2008	snake	unknown	12x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x				unknown	Germany	Europe		
13	Bertrand 2008	turtle	unknown	1x								x				x		x			x			unknown	Germany	Europe	
13	Bertrand 2008	reptile nonspec.	unknown	5x	x	x						x	x			x	x							unknown	Germany	Europe	
14	Fukushima 2008	tortoise	unknown	4x				x	x			x					x			x				yes	Japan	Asia	
15	Hames 2008	tortoise	pet	1		x						x	x			x			x			x		yes	England	Europe	
16	O'Byrne 2008	lizard	pet	1	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	no	Ireland	Europe		
16	O'Byrne 2008	tortoise	pet	2x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	no	Ireland	Europe		
16	O'Byrne 2008	snake	pet	1x			x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	no	Ireland	Europe		
16	O'Byrne 2008	snake	pet	1x			x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	yes	Ireland	Europe		
17	Böhme 2009	lizard	pet	1x				x	x			x			x		x	x	x	x	x	x	x	yes	Germany	Europe	
18	Böhme 2009	lizard	unknown	14x	x							x	x	x	x	x	x	x	x	x	x	x		unknown	Germany	Europe	
18	Böhme 2009	snake	unknown	7x	x							x	x	x	x	x	x	x	x	x	x	x		unknown	Germany	Europe	
18	Böhme 2009	turtle	unknown	1	x							x			x		x		x		x			unknown	Germany	Europe	
18	Böhme 2009	reptile nonspec.	unknown	5x	x							x	x		x	x	x	x	x	x	x	x		unknown	Germany	Europe	
19	Cooke 2009	lizard	pet	1		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	yes	Germany	Europe		
19	Cooke 2009	lizard	pet	3x								x		x	x	x	x	x	x	x	x	x	x	yes	Germany	Europe	
20	Harris 2009	turtle	pet	47x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	yes	USA	North America		
20	Harris 2009	turtle	pet	72				x				x		x		x		x		x		x		yes	USA	North America	
20	Harris 2009	reptile nonspec.	pet	4				x				x		x		x		x		x		x		yes	USA	North America	
21	Van Meervenne 2009	turtle	pet	1x								x	x		x		x		x		x			yes	Belgium	Europe	
22	Centers for Disease Control and Prevention 2010	turtle	pet	26	x	x	x	x				x					x			x				yes	USA	North America	
22	Centers for Disease Control and Prevention 2010	reptile nonspec.	pet	7x	x	x	x	x				x					x			x				yes	USA	North America	
22	Centers for Disease Control and Prevention 2010	turtle	pet	18x	x	x	x	x				x		x		x		x		x				unknown	USA	North America	
22	Centers for Disease Control and Prevention 2010	reptile nonspec.	pet	3x	x	x	x	x				x		x		x		x		x				unknown	USA	North America	
23	Moffat 2010	lizard	pet	1x				x	x			x		x		x		x		x		x		yes	Australia	Oceania	
24	Tabarani 2010	lizard	pet	1x				x				x		x		x		x		x		x		no	USA	North America	

24	Tabarani 2010	lizard	pet	1k			x	x		x		x	x		yes		x	unknown	USA	North America
25	Younus 2010	reptile nonspec.	unknown	18k	x	x				x				x	yes			no	USA	North America
26	Haase 2011	lizard	pet	1k					x	x	x	x	x		yes		x	yes	Germany	Europe
27	Lowther 2011	lizard	pet	19		x	x	x	x		x	x	x	x	yes		x	yes	USA	North America
28	Centers for Disease Control and Prevention 2012	turtle	pet	36k	x	x	x			x				x	yes			yes	USA	North America
29	Hernandez 2012	turtle	pet	6k	x	x				x			x		yes			yes	Spain	Europe
30	Olaru 2012	multiple	pet	1k			x		x	x	x	x	x		yes		x	no	England	Europe
31	Lafuente 2013	turtle	pet	5k	x	x	x	x		x		x	x		yes	x		yes	Spain	Europe
31	Lafuente 2013	turtle	pet	1k			x	x		x		x	x		yes	x		yes	Spain	Europe
32	Pees 2013	lizard	pet	16k	x		x	x		x	x	x	x		yes			yes	Germany	Europe
32	Pees 2013	snake	pet	4	x	x	x	x		x	x	x	x		yes			yes	Germany	Europe
32	Pees 2013	turtle	pet	2k			x	x		x		x	x		yes			yes	Germany	Europe
33	Murphy 2014	reptile nonspec.	unknown	48k	x	x	x	x	x	x	x	x	x	x	yes			unknown	England	Europe
34	Basler 2015	turtle	pet	40k	x	x				x				x	yes			yes	USA	North America
35	Bosch 2015	turtle	pet	921k	x	x				x			x		yes			unknown	USA	North America
36	Gambino-Shirley 2016	turtle	pet	50k	x	x				x			x		yes			yes	USA	North America
37	Angot 2017	turtle	pet	2k			x		x (hypotension)	x		x			yes		x	unknown	France	Europe
38	Baranzelli 2017	snake	pet	1		x			x			x			partially	x		no	France	Europe
39	Draper 2017	turtle	wild	7	x	x	x	x	x	x				x	yes	x		no	Australia	Oceania
40	Gavrilovici 2017	turtle	wild	1		x				x		x	x		yes		x	no	Romania	Europe
41	Bothwell 2018	snake	pet	1		x			x	x		x	x	x	no			no	Ireland	Europe
42	Botticchio 2018	snake	unknown	2						x		x	x		yes	x		yes	USA	North America
43	Gambino-Shirley 2018	turtle	pet	56k	x	x	x	x	x	x	x	x	x		yes			yes	USA	North America
44	Koski 2018	turtle	pet	23k	x	x				x		x		x	yes			unknown	USA	North America
45	Krishnasamy 2018	snake	pet	5k	x	x				x		x	x		yes			yes	USA	North America
46	Koski 2019	lizard	pet	1	x	x	x			x	x	x	x	x	yes	x		yes	USA	North America
47	Kiebler 2020	lizard	pet	96k	x	x	x	x	x	x	x	x	x	x	yes	x	x	yes	USA	North America
48	Otake 2020	snake	pet	1		x	x	x	x	x	x	x	x	x	yes			no	Japan	Asia
49	Barry 2022	lizard	pet	1		x	x			x		x		x	no	x		unknown	USA	North America
50	Dewart 2022	lizard	pet	5	x	x				x		x		x	yes	x		unknown	USA	North America
50	Dewart 2022	lizard	unknown	41	x	x				x		x	x	x	yes	x		unknown	USA	North America
51	Meletiadis 2022	turtle	other	3k		x				x		x	x	x	yes	x	x	no	Italy	Europe
51	Meletiadis 2022	turtle	pet	5	x	x				x		x	x	x	yes	x		yes	Italy	Europe
52	Waltenburg 2022	turtle	pet	1007k	x	x				x		x	x	x	yes			yes	USA	North America
52	Waltenburg 2022	lizard	pet	209k	x	x				x		x	x	x	yes			yes	USA	North America
52	Waltenburg 2022	snake	pet	11k	x	x				x		x	x	x	yes			yes	USA	North America
53	Bruning 2023	snake	pet	1		x				x	x	x	x	x	yes	x		yes	Netherlands	Europe